

#9

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/527,257A
Source: PC
Date Processed by STIC: 5/23/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



PCT

RAW SEQUENCE LISTING

DATE: 05/23/2006

PATENT APPLICATION: US/10/527,257A

TIME: 14:00:13

Input Set : A:\186353 US - Sequence Listing - 10 527,257.txt

Output Set: N:\CRF4\05232006\J527257A.raw

3 <110> APPLICANT: Wu, Jun
 4 Luo, Ying
 6 <120> TITLE OF INVENTION: TUMOR TAG AND THE USE THEREOF
 8 <130> FILE REFERENCE: 024455
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/527,257A
 C--> 10 <141> CURRENT FILING DATE: 2005-03-09
 10 <160> NUMBER OF SEQ ID NOS: 9
 12 <170> SOFTWARE: PatentIn version 3.1
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 720
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Homo sapiens
 19 <220> FEATURE:
 20 <221> NAME/KEY: CDS
 21 <222> LOCATION: (1)..(639)
 22 <223> OTHER INFORMATION:
 W--> 25 <400> 1

26	atg gca gcg gcc gcc agc ccc gcg ttc ctt cta cgc ctc ccg ctt ctg	48
27	Met Ala Ala Ala Ala Ser Pro Ala Phe Leu Leu Arg Leu Pro Leu Leu	
28	1 5 10 15	
30	ctc ctg ctg tcc agc tgg tgc agg acc ggg ctg gcc gac cct cac tct	96
31	Leu Leu Leu Ser Ser Trp Cys Arg Thr Gly Leu Ala Asp Pro His Ser	
32	20 25 30	
34	ctt tgc tat gac atc acc gtc atc cct aag ttc aga cct gga cca cgg	144
35	Leu Cys Tyr Asp Ile Thr Val Ile Pro Lys Phe Arg Pro Gly Pro Arg	
36	35 40 45	
38	tgg tgt gcg gtt caa ggc cag gtg gat gaa aag act ttt ctt cac tat	192
39	Trp Cys Ala Val Gln Gly Gln Val Asp Glu Lys Thr Phe Leu His Tyr	
40	50 55 60	
42	gac tgt ggc agc aag aca gtc aca ccc gtc agt ccc ctg ggg aag aaa	240
43	Asp Cys Gly Ser Lys Thr Val Thr Pro Val Ser Pro Leu Gly Lys Lys	
44	65 70 75 80	
46	cta aat gtc aca acg gcc tgg aaa gca cag aac cca gta ctg aga gag	288
47	Leu Asn Val Thr Thr Ala Trp Lys Ala Gln Asn Pro Val Leu Arg Glu	
48	85 90 95	
50	gtg gtg gac ata ctt aca gag caa ctg ctt gac att cag ctg gag aat	336
51	Val Val Asp Ile Leu Thr Glu Gln Leu Leu Asp Ile Gln Leu Glu Asn	
52	100 105 110	
54	tac ata ccc aag gaa ccc ctc acc ctg cag gcc agg atg tct tgt gag	384
55	Tyr Ile Pro Lys Glu Pro Leu Thr Leu Gln Ala Arg Met Ser Cys Glu	
56	115 120 125	
58	cag aaa gcc gaa gga cac ggc agt gga tct tgg cag ctc agt ttc gat	432
59	Gln Lys Ala Glu Gly His Gly Ser Gly Ser Trp Gln Leu Ser Phe Asp	

3,5
 Does Not Comply
 Corrected Diskette Needed

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Input Set : A:\186353 US - Sequence Listing - 10 527,257.txt

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60      130      135      140
62 gga cag atc ttc ctc ctc ttt gac tca gaa aac aga atg tgg aca acg      480
63 Gly Gln Ile Phe Leu Leu Phe Asp Ser Glu Asn Arg Met Trp Thr Thr
64 145      150      155      160
66 gtt cat cct gga gcc aga aag atg aaa gaa aag tgg gag aat gac aag      528
67 Val His Pro Gly Ala Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Lys
68      165      170      175
70 gat atg acc atg tcc ttc cat tac atc tca atg gga gac tgc aca gga      576
71 Asp Met Thr Met Ser Phe His Tyr Ile Ser Met Gly Asp Cys Thr Gly
72      180      185      190
74 tgg ctt gag gac ttc ttg atg ggc atg gac agc acc ctg gag cca agt      624
75 Trp Leu Glu Asp Phe Leu Met Gly Met Asp Ser Thr Leu Glu Pro Ser
76      195      200      205
78 gca gga ggc aca gtc tgacccaaag ccatggccac caccctcagt ccctgcagcc      679
79 Ala Gly Gly Thr Val
80      210
82 tcctcctcat cctcccctgc ttcatacctcc ctggcatctg a      720
85 <210> SEQ ID NO: 2
86 <211> LENGTH: 213
87 <212> TYPE: PRT
88 <213> ORGANISM: Homo sapiens
90 <400> SEQUENCE: 2
92 Met Ala Ala Ala Ala Ser Pro Ala Phe Leu Leu Arg Leu Pro Leu Leu
93 1      5      10      15
96 Leu Leu Leu Ser Ser Trp Cys Arg Thr Gly Leu Ala Asp Pro His Ser
97      20      25      30
100 Leu Cys Tyr Asp Ile Thr Val Ile Pro Lys Phe Arg Pro Gly Pro Arg
101      35      40      45
104 Trp Cys Ala Val Gln Gly Gln Val Asp Glu Lys Thr Phe Leu His Tyr
105      50      55      60
108 Asp Cys Gly Ser Lys Thr Val Thr Pro Val Ser Pro Leu Gly Lys Lys
109 65      70      75      80
112 Leu Asn Val Thr Thr Ala Trp Lys Ala Gln Asn Pro Val Leu Arg Glu
113      85      90      95
116 Val Val Asp Ile Leu Thr Glu Gln Leu Leu Asp Ile Gln Leu Glu Asn
117      100      105      110
120 Tyr Ile Pro Lys Glu Pro Leu Thr Leu Gln Ala Arg Met Ser Cys Glu
121      115      120      125
124 Gln Lys Ala Glu Gly His Gly Ser Gly Ser Trp Gln Leu Ser Phe Asp
125      130      135      140
128 Gly Gln Ile Phe Leu Leu Phe Asp Ser Glu Asn Arg Met Trp Thr Thr
129 145      150      155      160
132 Val His Pro Gly Ala Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Lys
133      165      170      175
136 Asp Met Thr Met Ser Phe His Tyr Ile Ser Met Gly Asp Cys Thr Gly
137      180      185      190
140 Trp Leu Glu Asp Phe Leu Met Gly Met Asp Ser Thr Leu Glu Pro Ser
141      195      200      205
144 Ala Gly Gly Thr Val

```

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Input Set : A:\186353 US - Sequence Listing - 10 527,257.txt

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145 210
 148 <210> SEQ ID NO: 3
 149 <211> LENGTH: 29
 150 <212> TYPE: DNA
 C--> 151 <213> ORGANISM: artificial sequence
 W--> 153 <220> FEATURE:
 W--> 153 <223> OTHER INFORMATION:
 W--> 153 <400> 3
 154 cggaattcat ggcagcggcc gccagcccc 29
 157 <210> SEQ ID NO: 4
 158 <211> LENGTH: 30
 159 <212> TYPE: DNA
 160 <213> ORGANISM: artificial sequence
 W--> 162 <220> FEATURE:
 W--> 162 <223> OTHER INFORMATION:
 W--> 162 <400> 4
 163 gccaaagcttg atgccagggga ggatgaagca 30
 166 <210> SEQ ID NO: 5
 167 <211> LENGTH: 34
 168 <212> TYPE: DNA
 169 <213> ORGANISM: artificial sequence
 W--> 171 <220> FEATURE:
 W--> 171 <223> OTHER INFORMATION:
 W--> 171 <400> 5
 172 ccggaattcg accctcactc tctttgctat gaca 34
 175 <210> SEQ ID NO: 6
 176 <211> LENGTH: 30
 177 <212> TYPE: DNA
 178 <213> ORGANISM: artificial sequence
 W--> 180 <220> FEATURE:
 W--> 180 <223> OTHER INFORMATION:
 W--> 180 <400> 6
 181 gccaaagcttg atgccagggga ggatgaagca 30
 184 <210> SEQ ID NO: 7
 185 <211> LENGTH: 21
 186 <212> TYPE: DNA
 187 <213> ORGANISM: artificial sequence
 W--> 189 <220> FEATURE:
 W--> 189 <223> OTHER INFORMATION:
 W--> 189 <400> 7
 190 atggcagcgg ccgccagccc c 21
 193 <210> SEQ ID NO: 8
 194 <211> LENGTH: 24
 195 <212> TYPE: DNA
 196 <213> ORGANISM: artificial sequence
 W--> 198 <220> FEATURE:
 W--> 198 <223> OTHER INFORMATION:
 W--> 198 <400> 8
 199 tcagatgccca gggaggatga agca 24

RAW SEQUENCE LISTING

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Input Set : A:\186353 US - Sequence Listing - 10 527,257.txt

Output Set: N:\CRF4\05232006\J527257A.raw

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202 <210> SEQ ID NO: 9
203 <211> LENGTH: 742
204 <212> TYPE: DNA
205 <213> ORGANISM: Homo sapiens
207 <400> SEQUENCE: 9
208 atggcagcgg ccgccagccc cgcgttcctt ctacgcctcc cgcttctgct cctgctgtcc      60
210 agctggtgca ggaccgggct ggccgacct cactctcttt gctatgacat caccgtcatc      120
212 cctaagttca gacctggacc acggtggtgt gcggttcaag gccagggtgga tgaaaagact      180
214 tttcttcact atgactgtgg cagcaagaca gtcacaccgc tcagtcccct ggggaagaaa      240
216 ctaaattgtca caacggcctg gaaagcacag aaccagtag tgagagaggt ggtggacata      300
218 cttacagagc aactgcttga cattcagctg gagaattaca taccgaagga acccctcacc      360
220 ctgcaggcca ggatgtcttg tgagcagaaa gccgaaggac acggcagtgg atcttggcag      420
222 ctcagtttgc atggacagat cttcctctc tttgactcag aaaacagaat gtggacaacg      480
224 gttcatcctg gagccagaaa gatgaaagaa aagtgggaga atgacaagga tatgaccatg      540
226 tccttccatt acatctcaat gggagactgc acaggatggc ttgaggactt cttgatgggc      600
228 atggacagca ccctggagcc aagtgcagga gcaccacca ccatgtctc aggcacagcc      660
230 caaccaggga ccacggccac caccctcatc ctttgcctgc tcctcatcat gtgtctctc      720
232 atatgctcca ggcacagtct ga                                742

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/527,257A

DATE: 05/23/2006
TIME: 14:00:14

Input Set : A:\186353 US - Sequence Listing - 10 527,257.txt
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error explanation
Use of <220> Feature (NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:3,4,5,6,7,8

Explanation goes on <223> line.

l.g. <220> ← no response. Include it as a "header" only.
<223> ← explanation

VERIFICATION SUMMARY

DATE: 05/23/2006

PATENT APPLICATION: US/10/527,257A

TIME: 14:00:14

Input Set : A:\186353 US - Sequence Listing - 10 527,257.txt

Output Set: N:\CRF4\05232006\J527257A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:25 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:22
L:151 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:153 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>
ORGANISM:Artificial Sequence
L:153 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>
ORGANISM:Artificial Sequence
L:153 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:153
L:162 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>
ORGANISM:artificial sequence
L:162 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>
ORGANISM:artificial sequence
L:162 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:162
L:171 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:5, <213>
ORGANISM:artificial sequence
L:171 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:5, <213>
ORGANISM:artificial sequence
L:171 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:171
L:180 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213>
ORGANISM:artificial sequence
L:180 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213>
ORGANISM:artificial sequence
L:180 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:180
L:189 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>
ORGANISM:artificial sequence
L:189 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213>
ORGANISM:artificial sequence
L:189 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:189
L:198 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>
ORGANISM:artificial sequence
L:198 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213>
ORGANISM:artificial sequence
L:198 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:198